

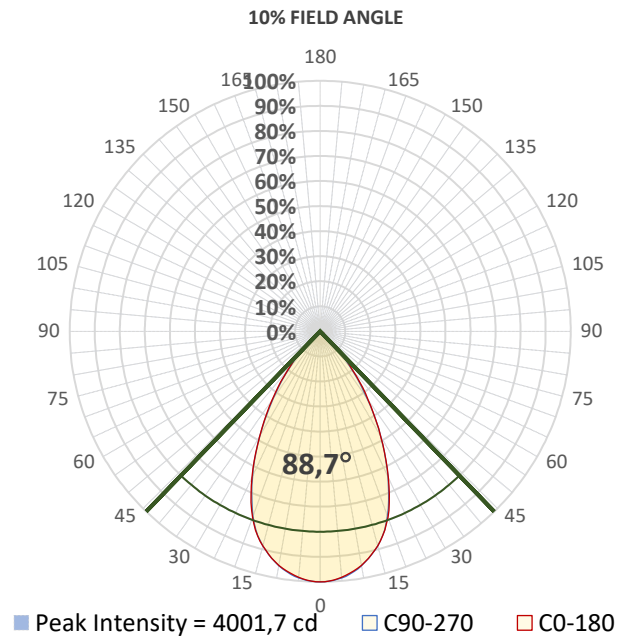
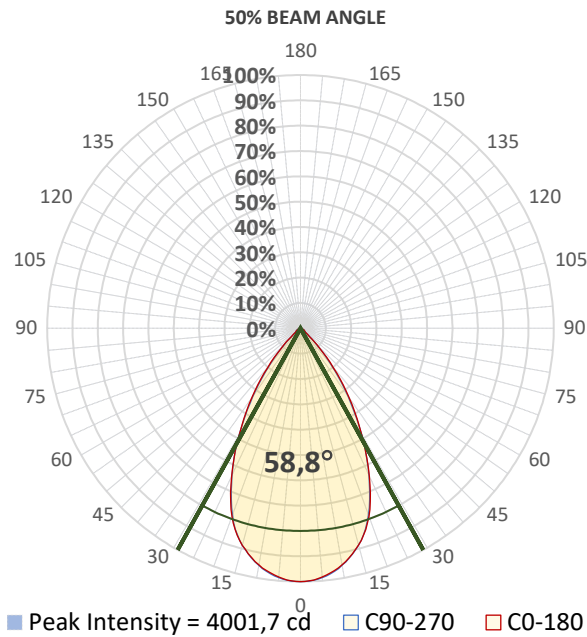
Report Summary



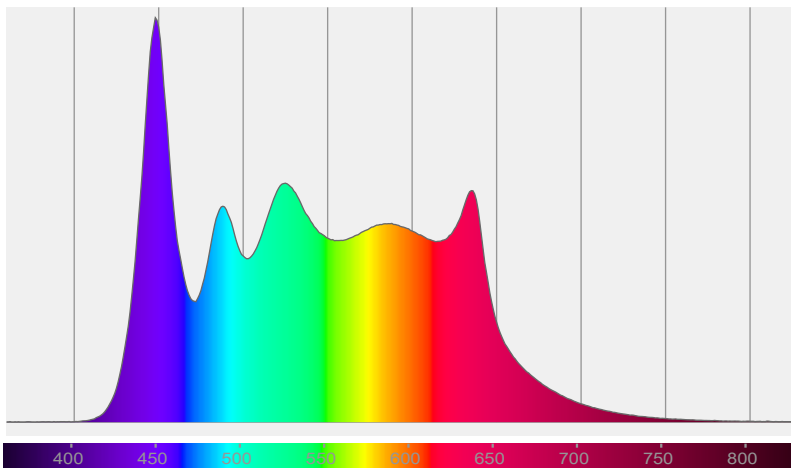
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 3800 lm / 4005 cd	Beam Angle (50%): 58,8°	AC Supply: 226 V / 50 Hz
Fixture Efficiency: 39 lm/W	Field Angle (10%): 88,7°	Power: 97,9 W
Intensity @ 5m: 160 lx	Cutoff Angle (2,5%): 103,5°	Current: 0,507 A
Color Temperature: 5872 K		Power Factor: 0,86
CRI: 96,4		
CRI R9 Value: 77,1		
CQS: 95,1		
TLCI: 94		
TM-30 Rf: 94,0		
TM-30 Rg: 101,0		

Details



Spectral Distribution



CIE 1931

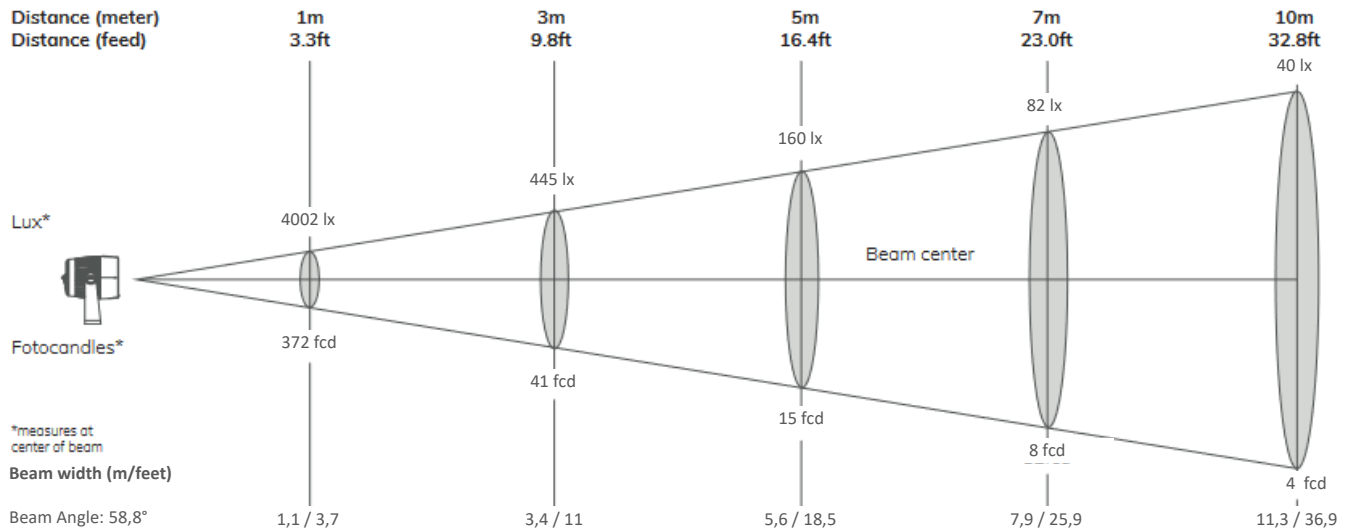
x: 0,325 y: 0,337

Light Quality

CRI: 96,4

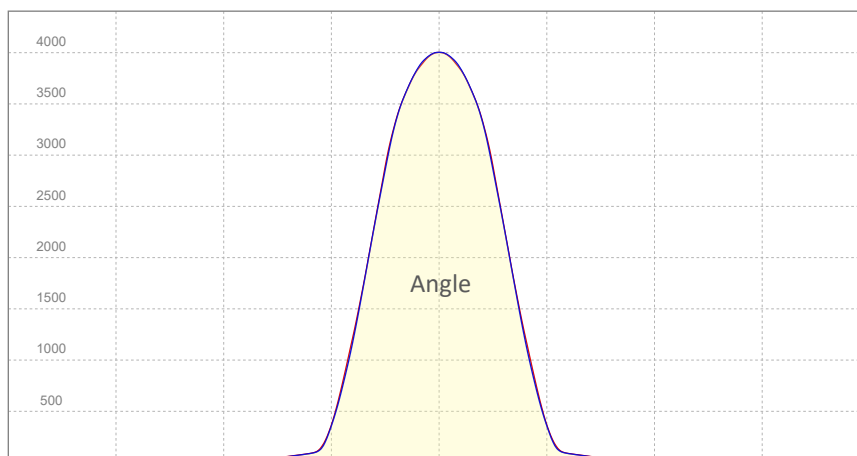
Color Temperature

5872 K



Angle	Distance									
	1m / 3.3ft		3m / 9.8ft		5m / 16.4ft		7m / 23ft		10m / 32.8ft	
	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet
Beam Angle: 58,8°	4002/ 372	1,1/3,7	445/ 41	3,4/11	160/ 15	5,6/18,5	82/ 8	7,9/25,9	40/ 4	11,3/36,9

Candela (cd)



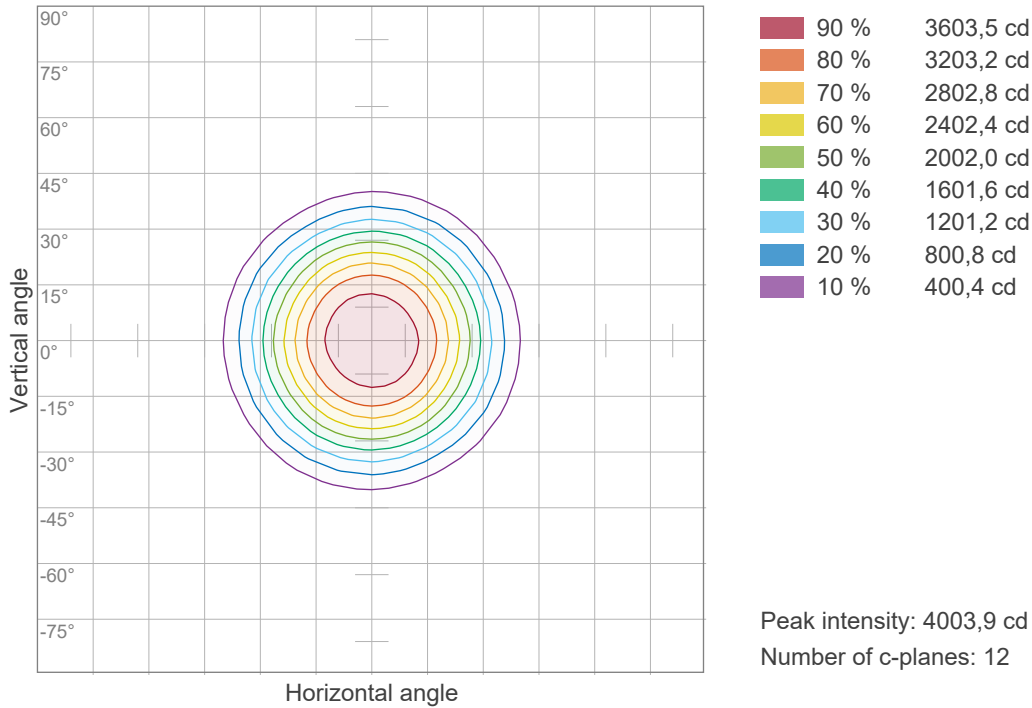
Candela Plot

Vertical Distribution

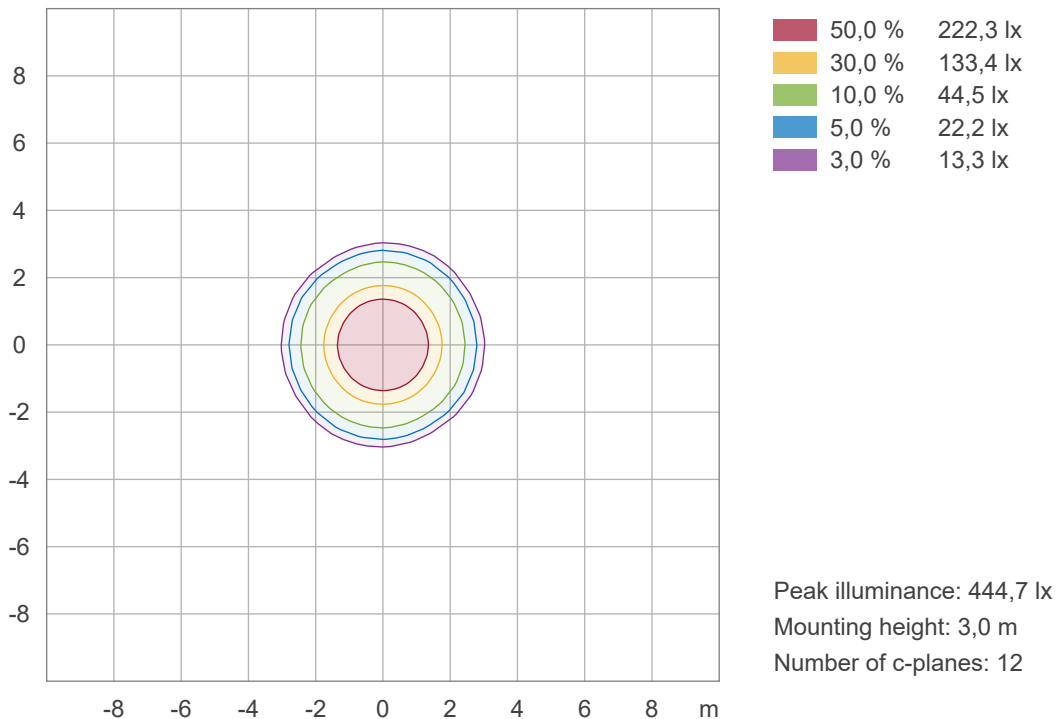
Horizontal Distribution

ISO Diagrams

ISO Candela Diagram

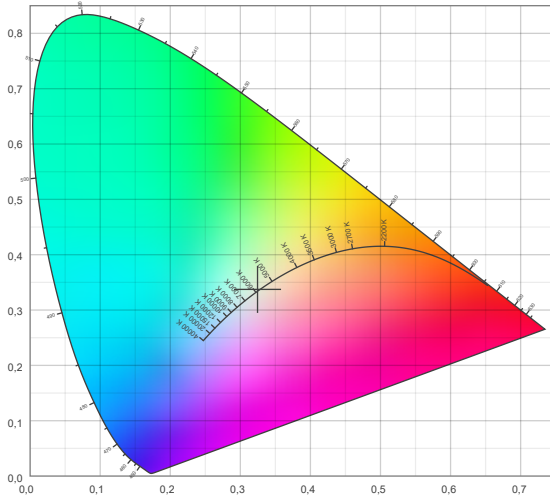


ISO Lux Diagram

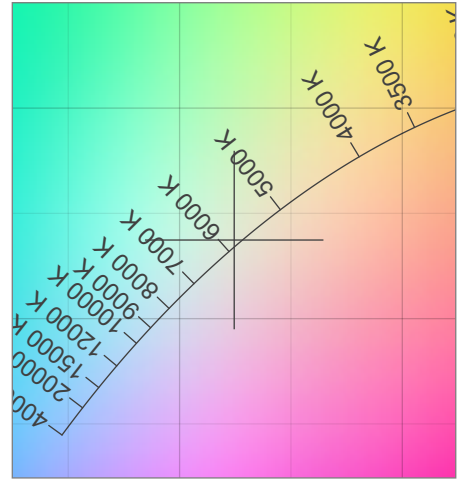


Chromaticity

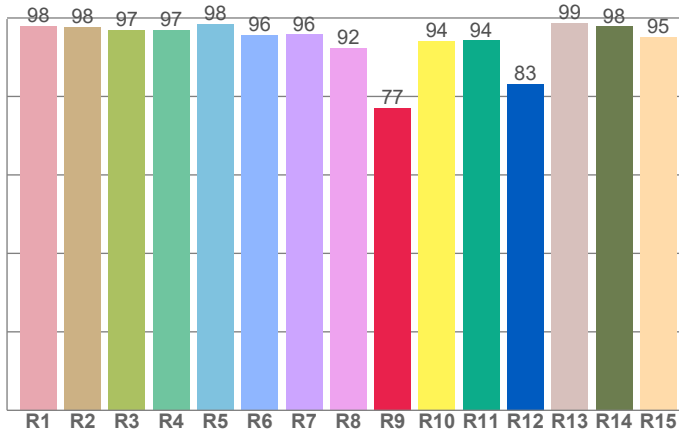
CIE 1931



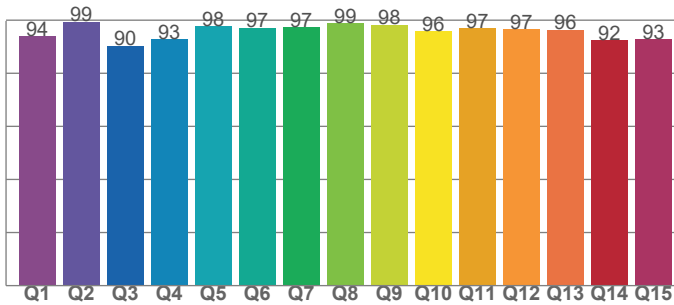
CIE 1931 - Zoom



CRI: 96,4 (R1-R8)



CQS: 95,1



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5872K	0,325	0,337

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0015	0,203	0,316

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
96,4	77,1	95,1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
94	94,0	101,0

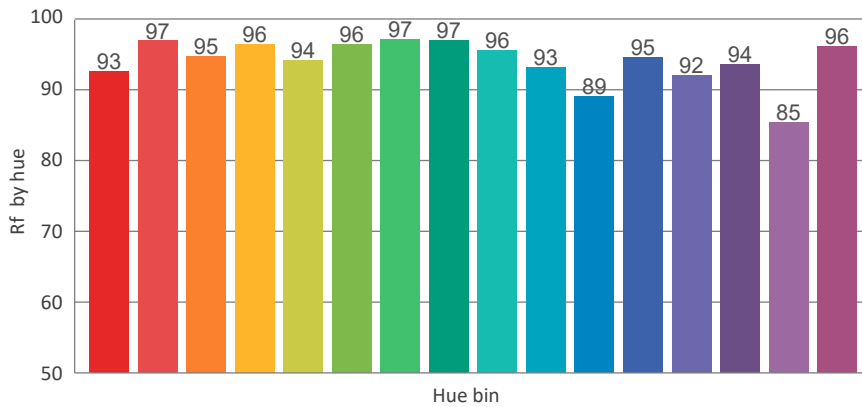
TM30 Details

Rf 94,0

Fidelity Index Rf

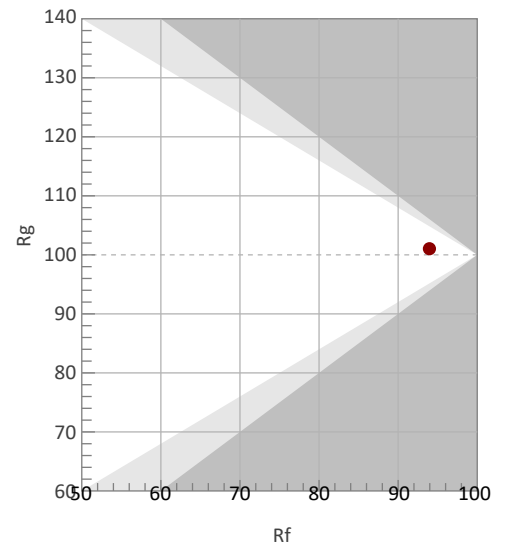
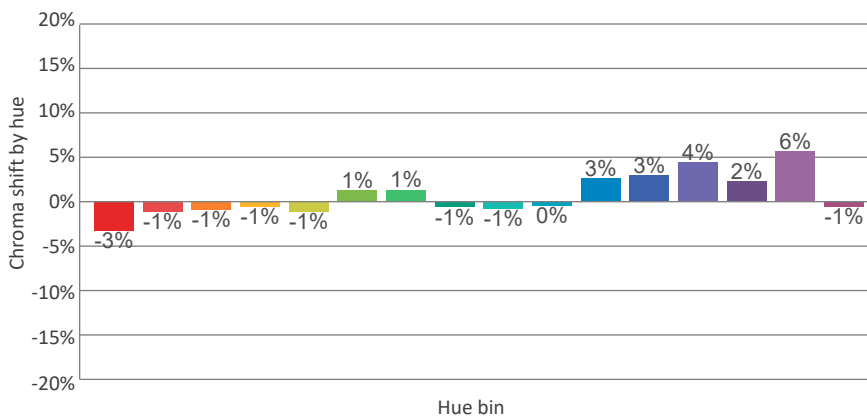
Rg 101,0

Gamut Index Rg

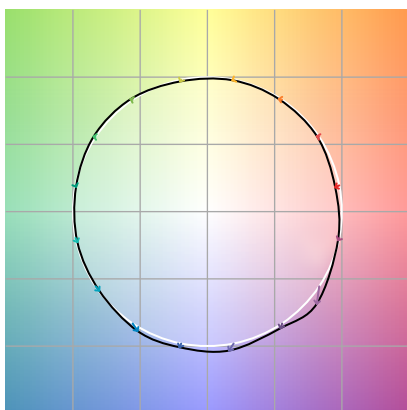


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

